

Outdoor temperature sensor

- >> Stylish slim design
- >> Accurate NTC 10k type resistance temperature detector
- >> Weatherproof enclosure, IP65
- >> Integrated wind and sun shield



Outdoor temperature measurement

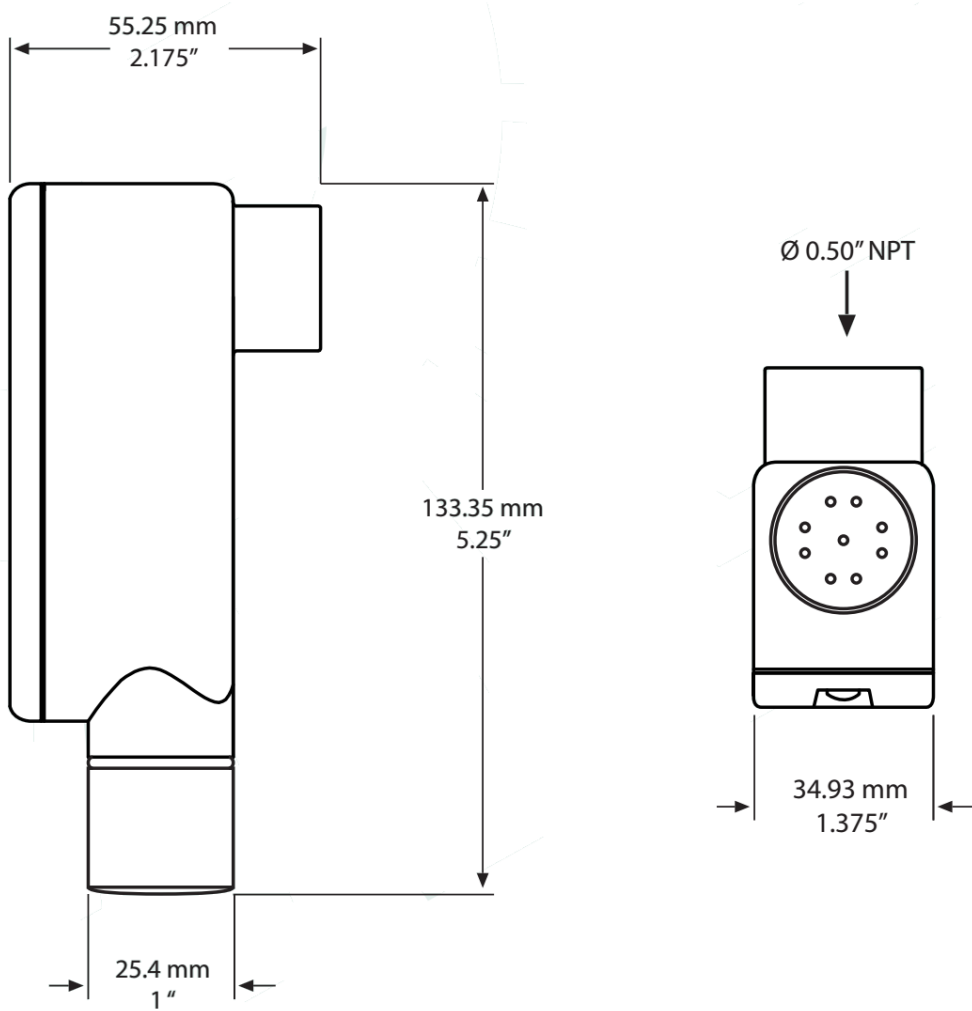
Single point outside air temperature sensor FX-TES-O utilizes a precision sensor. Probe is constructed to provide excellent heat transfer, fast response and is potted to resist moisture penetration. A sun and windshield is integrated into the enclosure. Sensor is provided in a weatherproof aluminum enclosure.

Technical features

Sensor Type: NTC 10k
Sensor Accuracy: ± 0.2 °C
Temperature Range: -50 to 100 °C (-58 to 212 °F)
Wire Material: PVC insulated, parallel bonded
Enclosure: Cast Aluminum - IP65 (NEMA 4X)
Termination: Pigtail 2 or 3 wire
Manufacturing Process: ISO9001

In order to maintain the published NEMA/IP ratings, properly rated conduit or cable gland adapters must be used.

Temp.	Ω	Temp.	Ω	Temp.	Ω	Temp.	Ω	Temp.	Ω	Temp.	Ω
		75	1480	29	8406	19	13073	9	20884	-5	42327
140	235	70	1752	28	8779	18	13681	8	21918	-10	55329
130	301	65	2083	27	9165	17	14325	7	23015	-15	72957
120	390	60	2488	26	9574	16	15000	6	24170	-20	97083
110	511	55	2986	25	10000	15	15710	5	25391	-25	130422
100	679	50	3602	24	10448	14	16461	4	26683	-30	176976
95	786	45	4368	23	10924	13	17256	3	28051	-35	24682
90	916	40	5324	22	11421	12	18091	2	29498	-40	336479
85	1070	35	6532	21	11940	11	18970	1	31030	-45	472178
80	1255	30	8055	20	12491	10	19902	0	32650	-50	671305



Part number

FX-TES-O

NTC 10k